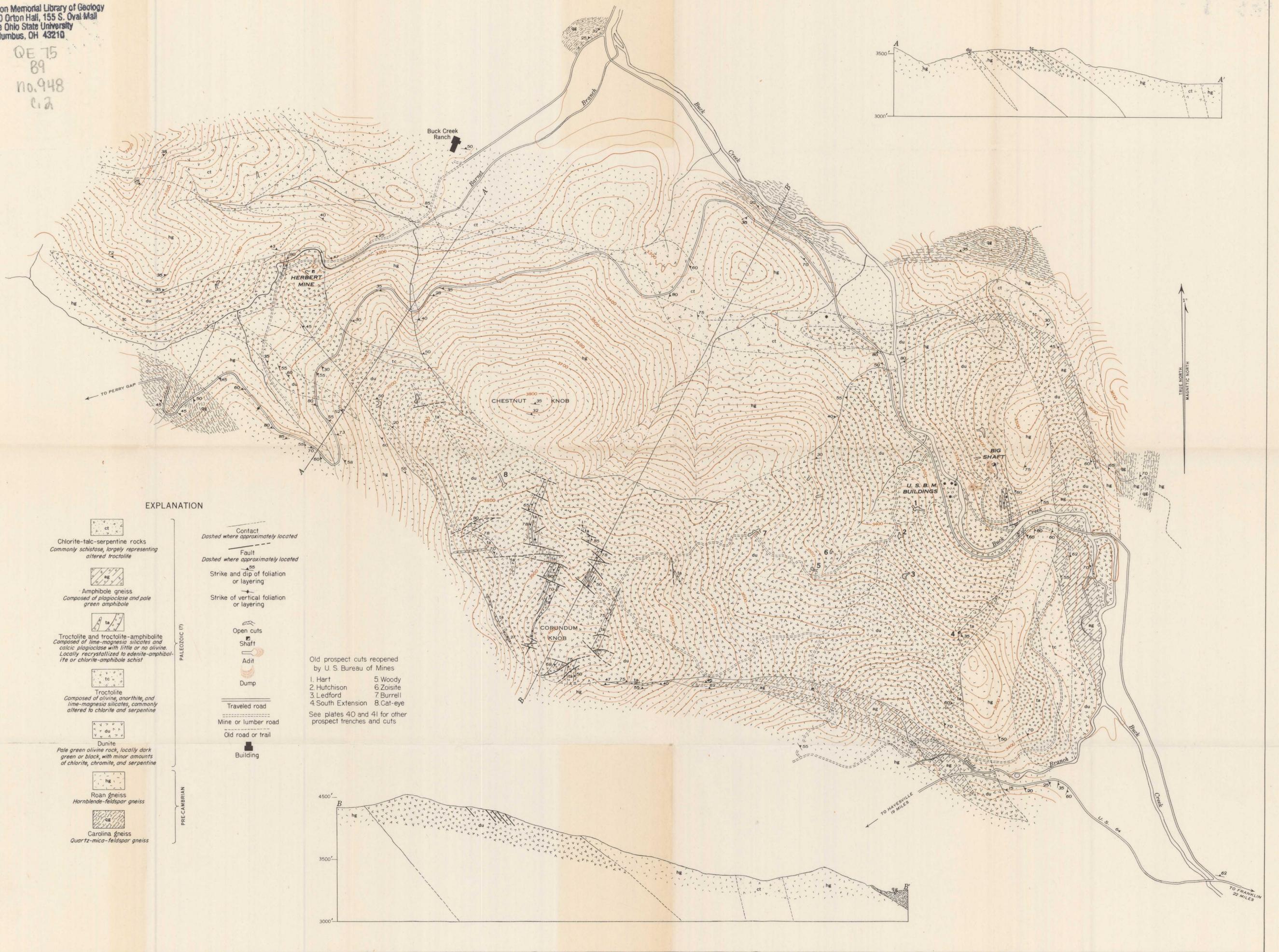


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EXPLANATION

- Chlorite-talc-serpentine rocks  
Commonly schistose, largely representing altered troctolite
- Amphibole gneiss  
Composed of plagioclase and pale green amphibole
- Troctolite and troctolite-amphibolite  
Composed of lime-magnesia silicates and calcic plagioclase with little or no olivine. Locally recrystallized to edenite-amphibolite or chlorite-amphibole schist
- Troctolite  
Composed of olivine, anorthite, and lime-magnesia silicates, commonly altered to chlorite and serpentine
- Dunite  
Pale green olivine rock, locally dark green or black, with minor amounts of chlorite, chromite, and serpentine
- Roan gneiss  
Hornblende-feldspar gneiss
- Carolina gneiss  
Quartz-mica-feldspar gneiss

- Contact  
Dashed where approximately located
- Fault  
Dashed where approximately located
- Strike and dip of foliation or layering
- Strike of vertical foliation or layering
- Open cuts
- Shaft
- Adit
- Dump
- Traveled road
- Mine or lumber road
- Old road or trail
- Building

Old prospect cuts reopened by U. S. Bureau of Mines

1. Hart	5. Woody
2. Hutchison	6. Zoisite
3. Ledford	7. Burrell
4. South Extension	8. Cat-eye

See plates 40 and 41 for other prospect trenches and cuts

GEOLOGIC MAP AND SECTIONS OF THE BUCK CREEK PERIDOTITE BODY, CLAY COUNTY, NORTH CAROLINA

